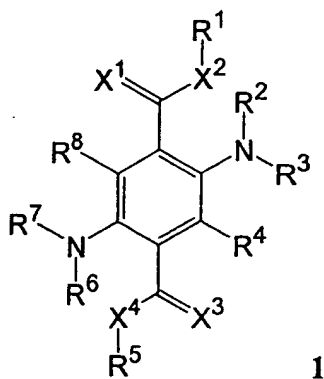


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Cancelled)
2. (Currently Amended) The device of Claim 8 ~~1~~, wherein X^1 is oxygen when R^{10} is $-C(=X^1)-X^2R^1$ and X^3 ~~is are~~ oxygen when R^{11} is $-C(=X^3)-X^4R^5$.
3. (Currently Amended) The device of Claim 8 ~~1~~, wherein R^{10} and R^{11} are -CN.
4. (Currently Amended) The device of Claim 8 ~~1~~, wherein the 2,5-diaminoterephthalic acid derivative has a formula 1:



wherein X^1 and X^3 are the same or different atoms or groups, oxygen, sulphur or ~~alline~~ imino;

X^2 and X^4 are the same or different atoms or groups, oxygen, sulphur or amino, wherein the amino nitrogen can be substituted;

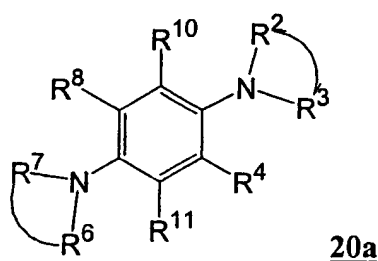
R^1 , R^2 , R^5 and R^6 are the same or different and are hydrogen, C1-C20 alkyl; aryl, substituted aryl, heteroaryl, or substituted heteroaryl; and

R^4 and R^8 are the same or different and are hydrogen, C1-C20 alkyl, halogen, nitro, cyano, amino, aryl, substituted aryl, heteroaryl, or substituted heteroaryl; and

~~R^3 and R^7 are the same or different and are aryl, substituted aryl, heteroaryl, or substituted heteroaryl.~~

5-7. (Cancelled)

8. (Currently Amended) An organic electroluminescent device comprising at least one emitter layer which includes at least one 2,5-diaminoterephthalic acid derivative having formula ~~The device of Claim 1, wherein the 2,5-diaminoterephthalic acid derivative has a formula~~ 20a:



wherein R^{10} is $-CN$ or $-C(=X^1)-X^2R^1$;

R^{11} is $-CN$ or $-C(=X^3)-X^4R^5$;

X^1 and X^3 , which are the same or different, are oxygen, sulphur or imino;

X^2 and X^4 , which are the same or different, are oxygen, sulphur or substituted or unsubstituted amino;

R^1 , R^4 , R^5 and R^8 are the same or different and are hydrogen, C1-C20 alkyl, aryl, heteroaryl, wherein aryl and heteroaryl can be substituted singly or multiply with the same or different radicals di-C1-C3-amino, C1-C10 alkoxy, C1-C4 alkyl, cyano, fluorine, chlorine and bromine as well as phenyl;

R^4 and R^8 can also be halogen, nitro, cyano or amino and trifluoromethyl;

~~wherein~~ R^2 and R^3 are members of a 5- or 6-membered ring, forming a saturated or unsaturated heterocycle; and

R^6 and R^7 are members of a 5- or 6-membered ring, forming a saturated or unsaturated heterocycle; and

wherein the following radicals can form a saturated or unsaturated ring X¹ and X², R⁴ and X³, X³ and X⁴, R⁵ and X⁴, R⁸ and X¹, to which ring further rings can be fused.

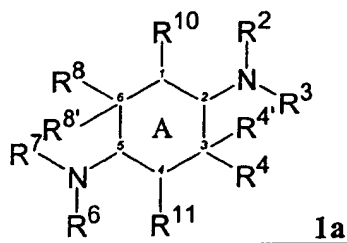
9. (Original) The device of Claim 8, wherein R² and R³ are members of a 5- or 6-membered ring, forming a saturated heterocycle; and
R⁶ and R⁷ are members of a 5- or 6-membered ring, forming a saturated heterocycle.

10-16. (Cancelled).

17. (Currently Amended) The device of Claim ~~19~~ 46 wherein R¹ and R⁵ are the same or different and are C1-C4 alkyl.

18. (Currently Amended) The device of Claim ~~19~~ 46 wherein R⁴ and R⁸ are hydrogen.

19. (Currently Amended) An organic electroluminescent device comprising at least one emitter layer which includes at least one 2,5-diaminoterephthalic acid derivative having formula 1a:



wherein the ring A is a benzene ring wherein R^{4'} and R^{8'} are omitted;

R¹⁰ is -C(=X¹)-X²R¹;

R¹¹ is -C(=X³)-X⁴R⁵;

X¹, X², X³ and X⁴ are oxygen;

R¹ and R⁵, are the same or different and are C1-C20 alkyl;

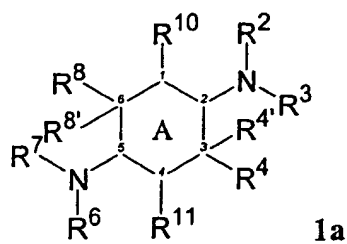
R² and R⁶ are the same or different and are hydrogen, C1-C20 alkyl, trifluoro-methyl, aryl, or heteroaryl, wherein aryl and heteroaryl can be substituted singly or multiply with the

same or different radicals, C1-C10 alkoxy, C1-C4 alkyl, cyano, fluorine, chlorine, bromine or phenyl;

R⁴ and R⁸ are the same or different and are hydrogen, C1-C20 alkyl, trifluoro-methyl, or phenyl; and

~~The device of Claim 16 wherein R³ and R⁷ are the same or different and are 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl, 2,4-difluorophenyl, 2,6-difluoro-phenyl, 2,3,4,5-tetrafluorophenyl or pentafluorophenyl.~~

20. (Currently Amended) An organic electroluminescent device comprising at least one emitter layer which includes at least one 2,5-diaminoterephthalic acid derivative having formula 1a:



wherein the ring A is a benzene ring wherein R^{4'} and R^{8'} are omitted;

R¹⁰ is -C(=X¹)-X²R¹;

R¹¹ is -C(=X³)-X⁴R⁵;

X¹, X², X³ and X⁴ are oxygen;

R¹ and R⁵, are the same or different and are C1-C20 alkyl;

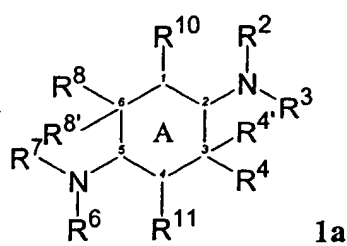
R² and R⁶ are the same or different and are hydrogen, C1-C20 alkyl, trifluoro-methyl, aryl, or heteroaryl, wherein aryl and heteroaryl can be substituted singly or multiply with the same or different radicals, C1-C10 alkoxy, C1-C4 alkyl, cyano, fluorine, chlorine, bromine or phenyl;

R⁴ and R⁸ are the same or different and are hydrogen, C1-C20 alkyl, trifluoro-methyl, or phenyl; and

~~The device of Claim 16 wherein R³ and R⁷ are the same or different and are C1-C20 alkyl.~~

21. (Currently Amended) The device of Claim ~~19~~ 16 wherein ~~X² and X⁴ are oxygen;~~
R¹ and R⁵ are the same or different and are C1-C4 alkyl;
R⁴ and R⁸ are hydrogen; and
R² and R⁶ are the same or different and are hydrogen or methyl.

22. (Currently Amended) An organic electroluminescent device comprising at least one emitter layer which includes at least one 2,5-diaminoterephthalic acid derivative having formula 1a:



wherein the ring A is a benzene ring wherein R^{4'} and R^{8'} are omitted;

R¹⁰ is -C(=X¹)-X²R¹;

R¹¹ is -C(=X³)-X⁴R⁵;

X¹, X², X³ and X⁴ are oxygen; ;

R² and R⁶ are the same or different and are hydrogen, C1-C20 alkyl, trifluoro-methyl, aryl, or heteroaryl, wherein aryl and heteroaryl can be substituted singly or multiply with the same or different radicals, C1-C10 alkoxy, C1-C4 alkyl, cyano, fluorine, chlorine, bromine or phenyl;

~~The device of Claim 16 wherein R⁴ and R⁸ are hydrogen;~~

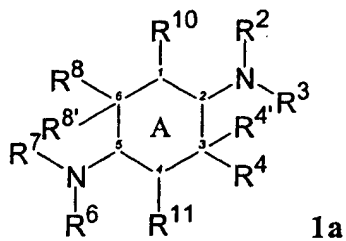
~~X² and X⁴ are oxygen;~~

R¹ and R⁵ are the same or different and are C1-C4 alkyl; and

R³ and R⁷ are the same or different and are C1-C20 alkyl.

23. (Cancelled)

24. (Currently Amended) An organic electroluminescent device comprising at least one emitter layer which includes at least one 2,5-diaminoterephthalic acid derivative having formula 1a:



wherein the ring A is a benzene ring wherein R^{4'} and R^{8'} are omitted;

R¹⁰ is -C(=X¹)-X²R¹;

R¹¹ is -C(=X³)-X⁴R⁵;

X¹, X², X³ and X⁴ are oxygen;

~~The device of Claim 16 wherein X² and X⁴ are oxygen;~~

R¹ and R⁵ are methyl;

R⁴ and R⁸ are hydrogen;

R² and R⁶ are hydrogen; and

R³ and R⁷ are cyclohexyl.

25. (New) The device of Claim 20 wherein R¹ and R⁵ are the same or different and are C1-C4 alkyl.

26. (New) The device of Claim 20 wherein R⁴ and R⁸ are hydrogen.

27. (New) The device of Claim 20 wherein R¹ and R⁵ are the same or different and are C1-C4 alkyl;

R⁴ and R⁸ are hydrogen; and

R² and R⁶ are the same or different and are hydrogen or methyl.

28. (New) The device of Claim 20 wherein R³ and R⁷ are each cyclohexyl.

29. (New) The device of Claim 22 wherein R^3 and R^7 are each cyclohexyl.

30. (New) The organic electroluminescent device of claim 8, wherein R^4 and R^8 can be 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl, 2,4-difluorophenyl, 2,6-difluorophenyl, 2,3,4,5-tetrafluorophenyl or pentafluorophenyl.